

**REMARKS**

Claims 1-4, 6-9, 11-17 and 19-24 are pending in this application. By this Amendment, FIGs. 1-3, the specification and claims 1, 3, 8, 9, 11, 14, 19 and 22 are amended, and claims 5, 10 and 18 are canceled without prejudice or disclaimer.

The Office Action rejects claims 1-24 under 35 U.S.C. §112, second paragraph. It is respectfully submitted that the above amendments obviate the grounds for rejection. For example, in claim 1 the current dissipation portion is coupled to the band-pass filter portion to clamp a voltage. Thus, the current dissipation portion is claimed as being coupled to the band-pass filter portion. For clarity, claim 1 is amended to recite the current dissipation portion to clamp a voltage. Each of independent claims 11 and 22 recite the current dissipation portion to clamp the voltage on the power grid.

The Office Action questions how the recitation of “the band-pass filter including an operational amplifier and a comparator portion is read on the preferred embodiment.” Applicants respectfully submit that at least Figure 2 includes a band-pass filter 310 having an operational amplifier that may include transistors 316 and 318. See, for example, page 7, lines 14-16 of the present application. In order to further prosecution, this sentence is amended to label element 311 as the operational amplifier. Figure 2 is also amended to label the operational amplifier 311. No new matter is added.

With respect to claim 3, this claim recites that the power grid is coupled to the resonance suppression circuit. One skilled in the art would clearly understand the meaning of this claim.

Claim 5 (rather than claim 4) has been deleted. With respect to claims 8 and 19, these claims have been amended to recite that the band-pass filter portion includes a first resistor, a second resistor, a first capacitor and a second capacitor. Claim 9 is also amended to depend from claim 8. Claim 10 is also deleted to further prosecution. Claim 14 is amended to provide proper antecedent basis to the previously claimed power grid. Withdrawal of the rejections under 35 U.S.C. §112, second paragraph, are respectfully requested.

The Office Action rejects claims 1-24 under 35 U.S.C. §102(b) over U.S. Patent Publication 2004/0124715 to Huang et al. (hereafter Huang) and U.S. Patent 4,961,643 to Sakai et al. (hereafter Sakai). The rejections are respectfully traversed.

While the Office Action makes a rejection under 35 U.S.C. §102(b), applicants believe this is a typographical error. That is, applicants believe that the rejection should be based on 35 U.S.C. §103(a) since two references are used in combination in an attempt to reject the claims. Applicants further submit that Huang is not properly rejectable under 35 U.S.C. §102(b) because the present application was filed prior to the publication date of Huang.

It is respectfully submitted that 35 U.S.C. §103(c) applies in the present application in order to disqualify Huang as prior art. In particular, Huang qualifies as to prior art under 35 U.S.C. §102(e). Furthermore, Huang and the present application were commonly assigned at the time of the invention to Intel Corporation. That is, Huang was assigned to Intel Corporation by virtue of an assignment recorded at Frame 013627/0065 and recorded at the Patent Office on December 31, 2002. The present application has also been assigned to Intel Corporation by virtue of an Assignment filed at the Patent Office on March 31, 2004. Therefore, since an

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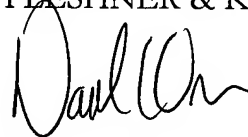
obviousness rejection under 35 U.S.C. §103(a) has presumably been made based upon a 35 U.S.C. §102(e) rejection, then Huang may not be used as prior art due to 35 U.S.C. §103(c). Further, Sakai does not teach or suggest the features of the pending claims. Accordingly, the outstanding rejection should be withdrawn.

### **CONCLUSION**

In view of the foregoing, it is respectfully submitted that the application is in condition for allowance. Favorable consideration and prompt allowance of claims 1-4, 6-9, 11-17 and 19-24 are earnestly solicited. If the Examiner believes that any additional changes would place the application in better condition for allowance, the Examiner is invited to contact the undersigned attorney, **David C. Oren**, at the telephone number listed below.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

Respectfully submitted,  
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Date: May 31, 2005

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**AMENDMENTS TO THE DRAWINGS:**

The attached drawings include changes to Figs. 1-3. These sheets replace the original sheets. Each of replacement Figs. 1-3 is a formal drawing of the original drawings. In Figure 2, element 311 has been labeled. The specification has also been revised to correspond to this change.

Attachment: Replacement Sheet  
Annotated Sheet Showing Changes

ANNOTATED SHEET

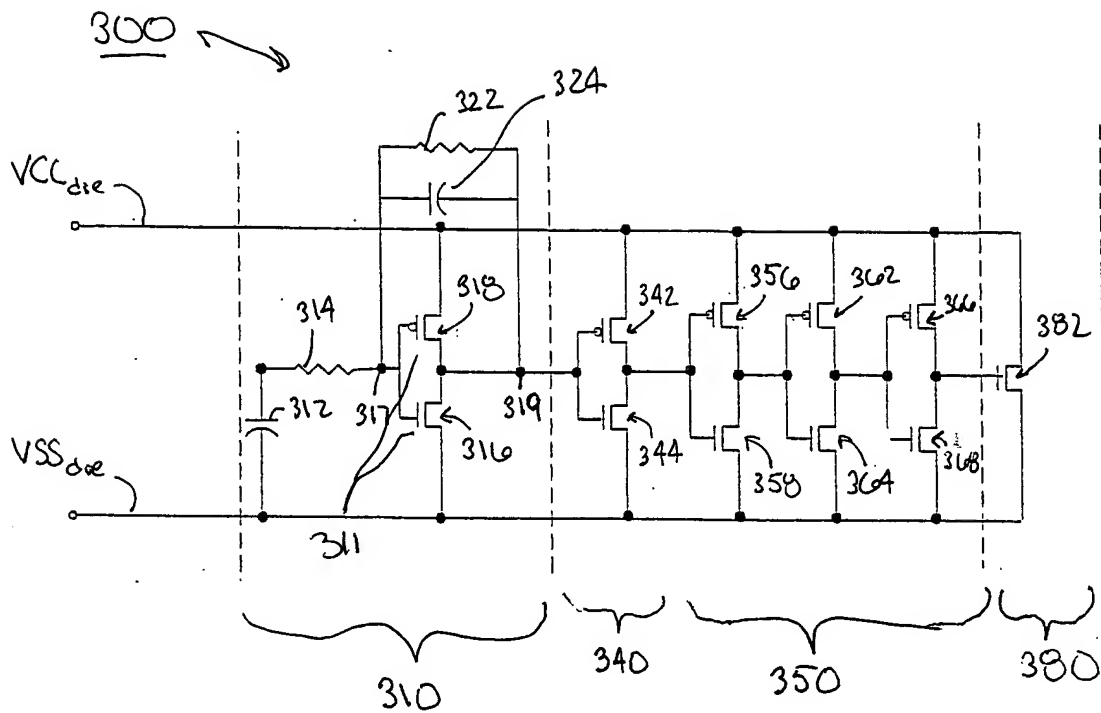


FIG. 2